

AMENDMENTS TO THE SPECIFICATION:

Please amend Paragraph 0004, beginning on Page 2 of the Specification, to read as follows:

[0004] In Phytochemistry, 31, 2575- (1992), there is disclosed a reaction pathway indicating that caffeine is biosynthesized from xanthosine through three stages of N-methylation. This was determined by conducting experiments using a ^{14}C -tracer. This reaction path is shown in Figure 1 below.

Before Paragraph 0025 and its heading, beginning on Page 8 of the Specification, please add the following:

Brief Description of Drawing

Figure 1 is the reaction pathway indicating that caffeine is biosynthesized from xanthosine through three stages of N-methylation.